

Chemistry

Chapter 2 Review

Short Answer

What did J. J. Thomson discover?

What is a subatomic particle?

What are the three points of Dalton's Atomic Theory?

- 1.
- 2.
- 3.

What was the first subatomic particle discovered?

Who was Democritus?

What is Lavoisier known for?

What are the charges for each of the subatomic particles?

In an isotope, what accounts for the difference in atomic mass from the normal atom?

If the atomic number of an atom is 12, how many protons, neutrons, and electrons does it have?

Does the number of neutrons affect the atomic number of an atom?

How do you calculate the atomic mass of an atom?

What did the discovery of isotopes lead to?

What do the dots in a Lewis dot diagram represent?

Which scientist discovered that an atom is mostly empty space with a central nucleus?

Electrons orbit the nucleus of an atom at a set distance. What causes this to happen?

What causes the light of an emission spectrum to be produced?

Where is the electron most likely to be found?

What type of atom are atomic mass units based on?

Why can you compare electron movement from energy level to energy level to climbing a ladder?

What prevented the Greek philosophers from coming up with a real theory in regard to atoms?

ALSO KNOW:

Vocabulary

Notes

How to read the Periodic Table of Elements (and what each number, letter, and symbol represents)